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JC682 U.S. PTO

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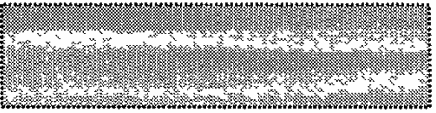
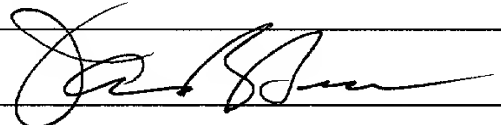
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PTO/SB/05 (4/98)

Approved for use through 09/03/00. OMB 0651-0032

Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. 16356.550 (DC-02468)	
		First Named Inventor or Application Identifier Hatim Amro et al.	
		Express Mail Label No.	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		Commissioner for Patents Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form <small>(Submit an original, and a duplicate for fee processing)</small>		6. <input type="checkbox"/> Microfiche Computer Program (Appendix)	
2. <input checked="" type="checkbox"/> Specification [Total Pages 13] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R & D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure		7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none">a. <input type="checkbox"/> Computer Readable Copyb. <input type="checkbox"/> Paper Copy (identical to computer copy)c. <input type="checkbox"/> Statement verifying identity of above copies	
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 4]		ACCOMPANYING APPLICATION PARTS 8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee) 10. <input type="checkbox"/> English Translation Document (if applicable) 11. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 12. <input type="checkbox"/> Preliminary Amendment 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application Statement(s) Status still proper and desired 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign Priority is claimed) 16. <input checked="" type="checkbox"/> Other: Express Mail Certificate	
4. Oath or Declaration (Partially Signed) [Total Pages 2] <ul style="list-style-type: none">a. <input checked="" type="checkbox"/> Newly executed (original or copy)b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below]<ul style="list-style-type: none">i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting Inventor(s) named in the prior application, see 37 CFR 1.63(d) and 1.33 (b).			
5. <input type="checkbox"/> Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being a part of the disclosure of the accompanying application and is hereby incorporated by reference therein.			
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information. <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: _____, filed: _____ prior application information: Examiner _____ Group/Art Unit _____			
18. CORRESPONDENCE ADDRESS			
<input type="checkbox"/> Customer Number or Bar Code Label  or <input checked="" type="checkbox"/> Correspondence address below			
NAME		David L. McCombs Haynes and Boone, LLP	
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Signature		Date	9-22-00

FEE TRANSMITTAL for FY 2000

TOTAL AMOUNT OF PAYMENT	(\$) 730.00
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Application Number	N/A
Filing Date	Herewith
First Named Inventor	Hatim Amro et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	16356.550 (DC-02468)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit and over payment to

Deposit Account Number **08-1394**

Deposit Account Name **Haynes and Boone**

☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Charge the Issue Fee in 37 CFR 1.18 at the Mailing of the Notice of Allowance

2. ☒ Payment Enclosed

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Large Fee Code	Enty Fee (\$)	Small Fee Code	Enty Fee (\$)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee	690
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	690	208	345	Reissue filing fee	
114	150	214	75	Provisional filing fee	

Total Claims	20	-20 =	0	X	18	=	0.00
Independent Claims	3	-3 =	0	X	78	=	0.00
Multiple Dependent Claims			0	X	260	=	0.00

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	303	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim
109	78	209	39	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

Large	Entity	Small	Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge – late filing fee or oath	
127	50	227	25	Surcharge – late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2520	147	2520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1840*	113	1840*	Request publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1360	218	680	Extension for reply within fourth month	
128	1850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a Brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1510	138	1510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive – unavoidable	
141	1210	241	605	Petition to revive- unintentional	
142	1210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	690	246	345	Filing a submission after final rejection (37 CFR 1.129(a))	
149	690	249	345	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) _____					
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08-25-00

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PATENT

Docket Number: DC-02468 (16356.550)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hatim Amro et al.

Serial No. N/A

Filed: Herewith

For: SYSTEM AND METHOD FOR
SEARCHING WEBSITES ASSOCIATED
WITH BOOKMARKS

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Examiner: N/A

Group Art Unit: N/A

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

Express Mail Number: EL455943504US

Date of Deposit: 9/22/00

I hereby certify that the following attached papers and fee:

1. Utility Patent Application Transmittal Sheet;
2. Fee Transmittal Sheet (in duplicate);
3. Patent Application consisting of 7 pages of Specification, 5 pages of Claims and 1 page Abstract of Disclosure;
4. 4 Drawing sheets;
5. Partially signed Declaration and Power of Attorney;
6. Partially signed Assignment and Recordation Cover Sheet;
7. Check in the amount of \$730.00 (\$690.00 for filing fee and \$40.00 for recordation of Assignment); and
8. A Return Postcard

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Dolly Milleson

Typed or Printed Name

Dolly Milleson
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EXPRESS MAIL NO.: EL 455943504US DATE OF DEPOSIT: 9/22/00

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Dolly Milleson

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Dolly Milleson

Signature of person mailing paper and fee

**SYSTEM AND METHOD FOR SEARCHING
WEBSITES ASSOCIATED WITH BOOKMARKS**

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PATENT

Docket No.: DC-02468 (16356.550)

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**SYSTEM AND METHOD FOR SEARCHING
WEBSITES ASSOCIATED WITH BOOKMARKS**

Background

5 The disclosures herein relate generally to computer systems and more particularly to searching websites associated with bookmarks using a computer system.

Web browsers such as Netscape Navigator and Microsoft Internet Explorer typically include a feature that allows a user to store a reference to a website.

10 These references are referred to as bookmarks by Netscape Navigator and favorites by Microsoft Internet Explorer. The term bookmark will be used herein to refer to a reference to a website stored by a user. Web browsers provide a user with the ability to view the user's bookmarks and may provide a user with the ability to organize the user's bookmarks. A user, however, may store many
15 bookmarks. The user may then be unable to easily locate a particular bookmark in the user's list of bookmarks to access a website associated with the bookmark. In addition, a user may forget which bookmark is associated with information on a website the user wishes to access.

Therefore, what is needed is a system and method for searching a website
20 associated with a bookmark.

Summary

One embodiment, accordingly, provides a method that includes receiving a search term and an identifier associated with a bookmark. A database is searched using the search term and a website associated with the bookmark is also
5 searched using the search term.

A principal advantage of this embodiment is that it allows a user to locate previously stored information. A user may more quickly identify information for which the user is searching and may access that information in an efficient manner. The embodiment may also allow the user to more effectively use features
10 of a web browser.

Brief Description of the Drawings

Fig. 1 is a diagram illustrating an embodiment of computer systems coupled to a communications network.

15 Fig. 2 is a diagram illustrating an embodiment of a user interface of a web browser configured to allow a user to access a search engine.

Fig. 3 is a diagram illustrating an embodiment of a user interface of a web browser configured to display results from a search engine.

20 Fig. 4a is a flowchart illustrating an embodiment of a method for searching websites associated with bookmarks.

Fig. 4b is a flowchart illustrating an embodiment of a method for searching websites associated with bookmarks.

Detailed Description

25 Fig. 1 is a diagram illustrating an embodiment of computer systems coupled to a communications network 120. In Fig. 1, a computer system 100, a computer system 110, and a computer system 130 are coupled to communications network

120. Computer system 100 includes bookmarks 102, and computer system 110 includes search engine 112.

Search engine 112 may be any search engine accessible using communications network 120 such as Lycos (<http://www.lycos.com>), AltaVista (<http://www.altavista.com>), HotBot (<http://www.hotbot.com>), Webcrawler (<http://www.webcrawler.com>), or a private search engine available only to certain users.

Computer systems 100, 110, and 130 may be any type of computing device configured to process, receive, and transmit information. Computer system 110 receives inputs from and provides outputs to a user 10 as indicated by arrows 12. Similarly, computer system 130 receives inputs from and provides outputs to a user 20 as indicated by arrows 22.

Communications network 120 may be any type of wired or wireless network configured to receive and transmit information such as the Internet, an intranet, a local area network (LAN), or a wide area network (WAN).

Web browsers such as Netscape Navigator and Microsoft Internet Explorer typically include a feature that allows a user to store a reference to a website. These references are referred to as bookmarks by Netscape Navigator and favorites by Microsoft Internet Explorer. The term bookmark will be used herein to refer to a reference to a website stored by a user.

As shown in Fig. 1, user 10, using a web browser, causes bookmarks 102 to be stored on computer system 100. Bookmarks 102 may be stored in a bookmark file. To search websites associated with bookmarks 102, user 10 provides a search term to search engine 112 on computer 110 using communications network 120. An identifier for each bookmark in bookmarks 102 is also provided to search engine 112. A script written in the Java programming language may be used to generate the identifiers. In one embodiment, an identifier includes a URL (Uniform Resource Locator) or a website address associated with a bookmark. In

other embodiments, identifiers may include other information. User 10 may select an indicator to cause search engine 112 to search websites associate with bookmarks 102. Alternatively, a search engine may automatically cause websites associated with bookmarks 102 to be searched.

5 A user may also cause websites associated with bookmarks on a remote computer system to be searched. In Fig. 1, user 20 inputs a search term into computer system 130 and specifies that websites associated with bookmarks 102 on computer system 100 are to be searched. Search engine 112 receives the search term and accesses bookmarks 102 to obtain identifiers for the websites
10 associated with bookmarks 102. Search engine 112 performs a search of a database and the websites associated with bookmarks 102 using the search term and provides the search results to computer system 130. Computer system 130 displays the search results to user 20.

Fig. 2 is a diagram illustrating an embodiment of a user interface 200 of a
15 web browser configured to allow a user to access a search engine. Fig. 2 shows an example search engine website using a web browser. The web browser may be run on computer system 100 or computer system 130 shown in Fig. 1. The example search engine website is accessed using a URL,
http://www.searchengine.com, entered into box 204, or alternatively, access using
20 "Bookmarks" menu 202, to cause the search engine website to be displayed as shown.

A user inputs a search term into box 206 to cause the search engine to perform a search using the search term. The user also selects checkbox 208, as indicated by the X in checkbox 208, to cause websites associated with the user's
25 bookmarks to be searched. The user may also select checkbox 210, as indicated by the X in checkbox 210, to cause websites associated with bookmarks stored on a remote computer system to be searched. The user inputs an identifier of the remote computer system in box 212. This identifier may be a URL or another

type of information that designates bookmarks stored on a particular computer. The bookmarks on the remote computer system may be the user's own bookmarks or another user's bookmarks.

Referring back to Fig. 1, search engine 112, executing on computer system 110, receives a search term and one or more identifiers associated with bookmarks 102 from computer system 100. Search engine 112 searches a database using the search term. The database may be a part of search engine 112 or may be located on a remote computer system (not shown). Search engine 112 also searches websites associated with bookmarks 102. Search engine 112 then provides the results of searching the database and the websites to computer system 100.

Search engine 112 may also receive a search term and an identifier that identifies computer system 110 from computer system 130. In this case, search engine 112 causes bookmarks 102 on computer system 100 to be accessed and receives identifiers associated with bookmarks 102. Search engine 112 searches the database and websites associated with bookmarks 102 and provides the results of the searches to computer system 130.

In response to receiving results from search engine 112, computer system 110 displays the results to user 10. User 10 selects a result to cause a website associated with the one of bookmarks 102 to be displayed. Search engine 112 may also provide an advertisement to be displayed on computer system 110. Search engine 112 may use the search term and / or information from the identifiers associated with bookmarks 102 to select the advertisement to be provided to user 10. In this way, an advertisement can be targeted for user 10 based on a preference of user 10 deduced from the search term and / or information from bookmarks 102. Computer system 130 operates similarly in response to receiving results from search engine 112.

Fig. 3 is a diagram illustrating an embodiment of a user interface 300 of a web browser configured to display results from a search engine. Results are

displayed in user interface 300 as shown. The results include bookmark results 302 and other results 304. Bookmark results 302 and other results 304 are displayed on separate sections of the webpage as shown. In other embodiments, bookmark results 302 may be specially highlighted or displayed in a separate
5 window to draw a user's attention. A user may select one of bookmark results 302 and one of other results 304 to cause a webpage associated with the selected result to be displayed.

An advertisement 306 may also be displayed in the results webpage. Advertisement 306 may be selected by the search engine based on the search term
10 and / or information from bookmarks used in the search.

Fig. 4a is a flowchart illustrating an embodiment of a method for searching websites associated with bookmarks from the perspective of a user. A search term is input into a search engine as indicated in step 402. A "Search Bookmarked Sites" indicator is selected as indicated in step 404. Where a search engine is set
15 to search websites associated with bookmarks by default, this step may be omitted. Search results are received as indicated in step 406. The search results may be presented to the user in any suitable manner such as displaying them on a user device. The search results associated with bookmarked websites may be highlighted or displayed separately from other search results. A search result is
20 selected to display a website associated with the bookmark as indicated in step 408.

Fig. 4b is a flowchart illustrating an embodiment of a method for searching websites associated with bookmarks from the perspective of a search engine. A search term and one or more identifiers associated with one or more bookmarks
25 are received as indicated in step 412. One identifier may be received for each of a user's bookmarks. In one specific embodiment, an identifier is an address of a website. A database is searched using the search term as indicated in step 414. It may be noted that the database may be directly associated with the search engine

or may be accessed remotely. Websites associated with the bookmarks are searched using the search term as indicated in step 416. Results of the search are provided to a user as indicated in step 418.

As can be seen, the principal advantages of these embodiments are that they allow a user to locate previously stored information. A user may more quickly identify information for which the user is searching and may access that information in an efficient manner. The embodiment may also allow the user to more effectively use features of a web browser. The embodiment may supplement the organizational aspects of bookmarks by allowing a user to search websites associated with the bookmarks.

Although illustrative embodiments have been shown and described, a wide range of modification, change and substitution is contemplated in the foregoing disclosure and in some instances, some features of the embodiments may be employed without a corresponding use of other features. Accordingly, it is appropriate that the appended claims be construed broadly and in a manner consistent with the scope of the embodiments disclosed herein.

Claims

What is claimed is:

- 1 1. A method comprising:
2 receiving a search term and an identifier associated with a
3 bookmark;
4 searching a database using the search term; and
5 searching a website associated with the bookmark using the search
6 term.
- 1 2. The method of claim 1, further comprising:
2 searching the website associated with the bookmark in response to
3 an indicator being selected.
- 1 3. The method of claim 1, further comprising:
2 providing a result of searching the website associated with the
3 bookmark to allow the result to be displayed.
- 1 4. The method of claim 3, further comprising:
2 displaying the website in response to the result being selected.
- 1 5. The method of claim 3, further comprising:
2 displaying an advertisement associated with the bookmark in
3 response to displaying the result.

- 1 6. The method of claim 1, further comprising:
2 providing the search term and the identifier associated with the
3 bookmark to a search engine;
4 searching the database using the search term in response to the
5 search engine receiving the search term; and
6 searching the website associated with the bookmark using the search
7 term in response to the search engine receiving the identifier.
- 1 7. The method of claim 1, further comprising:
2 accessing a file that includes the bookmark; and
3 creating the identifier in response to accessing the file.
- 1 8. A system comprising:
2 a computing device for:
3 receiving a search term and an identifier associated with a
4 bookmark;
5 searching a database coupled to the computing device using the
6 search term; and
7 searching a website associated with the bookmark using the search
8 term.
- 1 9. The system of claim 8, wherein the computing device is for:
2 searching the website associated with the bookmark in response to
3 an indicator being selected.
- 1 10. The system of claim 8, wherein the computing device is for:
2 providing a result of searching the website associated with the
3 bookmark to a user device.

- 1 11. The system of claim 10, wherein the computing device is for:
2 providing the result to the user device to allow the website to be
3 displayed in response to the result being selected.
- 1 12. The system of claim 10, wherein the computing device is for:
2 providing an advertisement associated with the bookmark to the
3 user device to allow the user device to display the advertisement.
- 1 13. The system of claim 8, wherein the computing device is for:
2 providing the search term and the identifier associated with the
3 bookmark to a search engine;
4 searching the database using the search term in response to the
5 search engine receiving the search term; and
6 searching the website associated with the bookmark using the search
7 term in response to the search engine receiving the identifier.
- 1 14. The system of claim 8, wherein the computing device is for:
2 causing a file on the user device that includes the bookmark to be
3 accessed; and
4 causing the identifier to be created in response to the file being
5 accessed.
- 1 15. The system of claim 8, wherein the computing device is for:
2 causing a file on a remote device that includes the bookmark to be
3 accessed; and
4 causing the identifier to be created in response to the bookmark file
5 being accessed.

1 16. A computer program product comprising:
2 a computer program processable by a computer system for causing
3 the computer system to:
4 receive a search term and an identifier associated with a bookmark;
5 search a database coupled to the computing device using the search
6 term; and
7 search a website associated with the bookmark using the search
8 term; and
9 an apparatus from which the computer program is accessible by the
10 computer system.

1 17. The computer program product of claim 16, the computer program
2 processable by the computer system for causing the computer system to:
3 search the website associated with the bookmark in response to an
4 indicator being selected.

1 18. The computer program product of claim 16, the computer program
2 processable by the computer system for causing the computer system to:
3 provide a result of searching the website associated with the
4 bookmark to a user device.

1 19. The computer program product of claim 18, the computer program
2 processable by the computer system for causing the computer system to:
3 provide a result of searching the website associated with the
4 bookmark to a user device.

- 1 20. The computer program product of claim 18, the computer program
2 processable by the computer system for causing the computer system to:
3 provide an advertisement associated with the bookmark to the user
4 device to allow the user device to display the advertisement.

**SYSTEM AND METHOD FOR SEARCHING WEBSITES
ASSOCIATED WITH BOOKMARKS**

Abstract of Disclosure

5 A method that includes receiving a search term and an identifier associated with a bookmark is provided. A database is searched using the search term and a website associated with the bookmark is also searched using the search term.

a-102906





Fig. 2

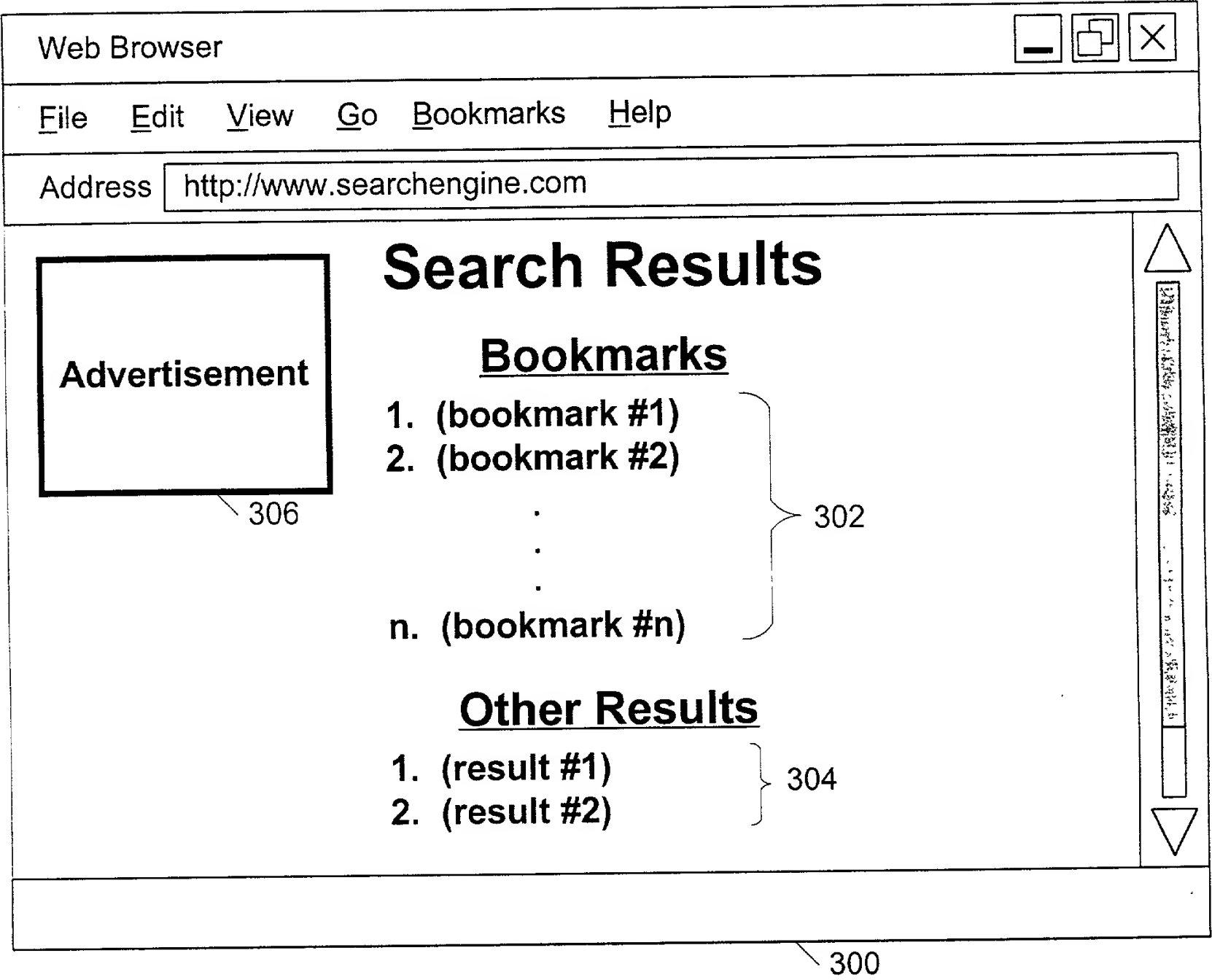


Fig. 3

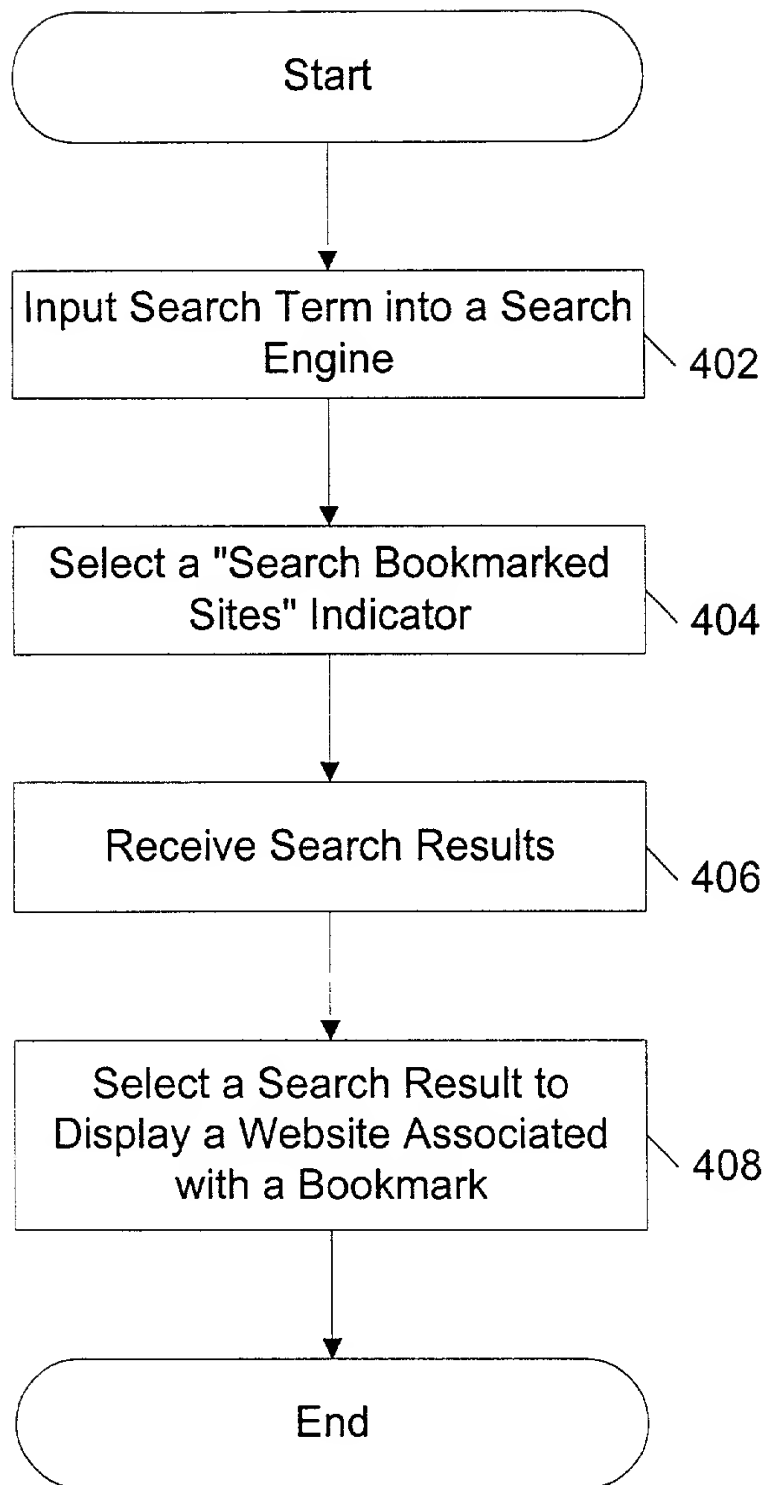


Fig. 4a

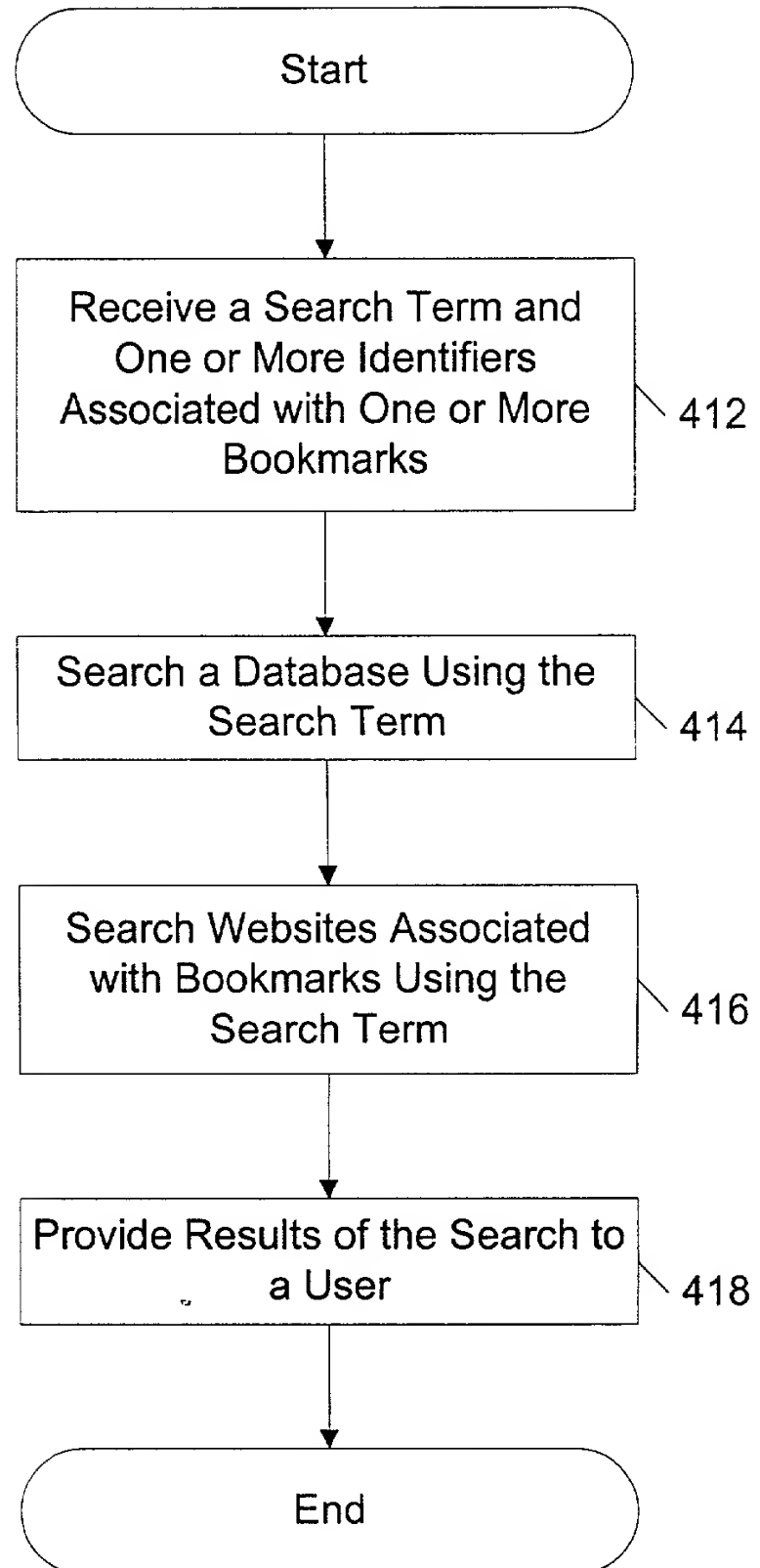


Fig. 4b

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled

SYSTEM AND METHOD FOR SEARCHING WEBSITES ASSOCIATED WITH BOOKMARKS

the specification of which: (check one)

XXX is attached hereto.

_____ was filed on _____
under Attorney's Docket Number _____
as Application Serial No. _____
and was amended on _____ (if applicable).

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR 1.56.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, we hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Jeffrey M. Becker	Reg. No. 35,442	Mark P. Kahler	Reg. No. 29,178
James R. Bell	Reg. No. 26,528	Warren B. Kice	Reg. No. 22,732
Michael S Bush	Reg. No. 31,745	Christopher P. Kosh	Reg. No. 42,760
Randall E. Colson	Reg. No. 40,566	Michael J. Balconi-Lamica	Reg. No. 34,291
Michael A. Davis, Jr.	Reg. No. 35,488	Todd Mattingly	Reg. No. 40,298
Ruben C. DeLeon	Reg. No. 37,812	David L. McCombs	Reg. No. 32,271
Anthony Peterman	Reg. No. 38,270	David M. O'Dell	Reg. No. 42,044
Henry Garrana	Reg. No. 27,887	Phillip B. Philbin	Reg. No. 35,979
Timothy Headley	Reg. No. 31,765	Diana L. Roberts	Reg. No. 36,654
Rita M. Irani	Reg. No. 31,028	Brandi W. Sarfatis	Reg. No. 37,713

Send correspondence to David L. McCombs, Haynes and Boone, L.L.P., 901 Main Street, Suite 3100, Dallas, Texas 75202-3789 and direct all telephone calls to David L. McCombs at 214/651-5533.

=====

FULL NAME OF INVENTOR: Hatim Amro

INVENTOR'S SIGNATURE: _____ DATED: _____

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FULL NAME OF INVENTOR: Robert G. Nadon

INVENTOR'S SIGNATURE:  DATED: 9/22/2000

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